

INDEX TO VOLUME VIII

New names and the final members of new combinations are in **bold face type**

- Abies balsamea*, 107; *grandis*, 91;
 lasiocarpa, 91; *nobilis*, 91
Acacia Greggii, 164
Acer nigrum, 101
Achlea Klebsiana, 108
Achlys triphylla, 102
Adenocaulon bicolor, 103
Adiantum latifolium, 25
Aecial stage of *Coliosporium ribicola*, The, 309
Aecidiaceae, 23
Aecidium, 131, 134; *Abroniae*, 150;
 Allenii, 150; *Brandegei*, 159; **Cock-**
 erellii, 150; *Compositarum*, 150;
 Euphorbiae, 151; *Eurotiae*, 151;
 Fendleri, 159; *Hydrophylli*, 138,
 141, 160; *Iridis*, 129; *Lepidii*, 163;
 lini, 55; *Nymphoidis*, 16; *obesum*,
 134, 141; *Phaceliae*, 160; *Physa-*
 lidis, 151; *Sphaeralceae*, 160, 161
Agaricaceae, 251, 297
Agaricales, 172
Agaricus arvensis, 70, 72; *campe-*
 ster, 172, 186, 297; *discretus*, 317;
 echinocephalus, 232; *onustus*, 232;
 placomyces, 297; *ruber*, 215
Agave neomexicana, 145
Agrimonia striata, 164
Agropyron, 138, 139; *occidentale*,
 170; *Smithii*, 146, 161, 170; *tene-*
 rum, 138, 141
Albugo Blitii, 144; *candida*, 144;
 Froelichiae, 144; *Ipomaeae-pan-*
 duratae, 144; *Trianthemae*, 145
Aleuria repanda, 197
Allionia melanotricha, 150
Althaea rosea, 159
Alveolaria Cordiae, 18
Amanita, 52, 53, 114, 231; *Caesarea*,
 225, 251; *Frostiana*, 251; *mus-*
 caria, 114; *nivalis*, 233; *onusta*,
 299; *pantherina*, 114; *phalloides*,
 114, 233, 251; *phalloides striatula*,
 232; *rubescens*, 251; *solitaria*, 231
Amanitopsis, 53; *agglutinata*, 251;
 albocreata, 232, 251; *vaginata*, 186
Amaranthus blitoides, 144; *Powellii*,
 144
Amarella heterosepala, 166; *stricti-*
 flora, 166
Amauroderma Chaperi, 314
Ambrosiaceae, 17
Amelanchier Bakeri, 152; *mormon-*
 ica, 152; *oreophila*, 146, 153; *poly-*
 carpa, 146
American mycological literature, In-
 dex to, 59, 116, 188, 227, 289
American species of *Ascodesmis*,
 North, 1
Amorpha californica, 169; *canescens*,
 169; *nana*, 168
Ampelomyces quisqualis, 175
Ampelopsis quinquefolia, 149
Amsonia, 135; *salicifolia*, 134
Amygdalaceae, 16
Amygdalus persica, 16
Anastrophia bahamensis, 19
Anchusa, 130; *officinalis*, 133, 141
Andira, 45
Andropogon brevifolius, 21; *Schoe-*
 nanthus, 21
Anemone, 128; *canadensis*, 128; *cyl-*
 indrica, 127, 128, 132
Angioridium sinuosum, 206; *valva-*
 tum, 206
Anogra coronopifolia, 144
Antheophora elegans, 19; *hermaphro-*
 dit, 19
Anthurium, 22; *scandens*, 22
Apios, 98; *tuberosa*, 98
Apocynum, 134; *cannabinum*, 134,
 141; *hypericifolium*, 134
Apple trees, Fungi producing heart-
 rot of, 5
Aquilegia, 128; *caerulea*, 157; *cana-*
 densis, 132
Arabis Fendleri, 160; *oxyphylla*, 160
Araceae, 22
Arcyria bicolor, 210; *cinerea*, 41, 208,
 210, 211; *denudata*, 41; *globosa*,
 210; *incarnata*, 41, 210; *insignis*,
 41; *minor*, 210; *pallida*, 211
Argomyces Oxalidis, 19, 151; *Ver-*
 nonia, 24
Aristida bromoides, 156
Arkville, New York, Fungi collected
 at, 293
Armillaria, 53, 183; *evanescens*, 53;
 mellea, 65, 114, 183
Artemisia cana, 156; *dracunculoides*,
 146; *franserioides*, 163; *nova*, 156;
 redolens, 156; *silvicola*, 156; *tri-*
 dentata, 156

- Arthur, J. C., Cultures of Uredineae in 1915, 125; Uredinales of Porto Rico based on collections by F. L. Stevens,¹ 16
- Artocarpaceae, 17
- Artocarpus Camansi, 26; communis, 17
- Arundinaria, 128
- Asclepiadaceae, 16
- Asclepias, 134, 135; brachystephana, 159; curassavica, 16; galioides, 159; latifolia, 159; pulchra, 134; syriaca, 134, 135, 141; subverticillata, 159
- Ascobelus, 93, 94; **albinus**, 94, 95; atrofuscus, 95; caninus, 3; carbonarius, 93, 94, 95, 97; carbonicola, 95; **geophilus**, 93, 94, 96, 97; microscopius, 3; **subglobosus**, 94, 96, 97; viridis, 93, 95, 97
- Ascobelus, The earth-inhabiting species of, 93
- Ascochyta, 104; **Achlydis**, 101; Pisi, f. Lupini, 104
- Ascodesmis, 1, 2; **microscopica**, 2, 3, 4; **nigricans**, 1, 2, 3; **porcina**, 2, 3, 4; **reticulata**, 3
- Ascodesmis, North American species of, 1
- Ascomycetes, 295
- Ascomycetes of Ohio, Fink's, 57
- Asparagus officinalis, 156
- Asprella Hystrix, 138
- Aster, 130; **laevis**, 158; **paniculatus**, 130; **vallicola**, 146
- Asterina mexicana, 145
- Astragalus, 165; **amphioxys**, 165; Bigelovii, 165; **bisulcatus**, 170; **crassicaupus**, 165; Drummondii, 170; missouriensis, 170; **mollissimus**, 165; Nuttallianus, 170; Thurbieri, 165; Wootoni, 165, 170
- Attractive species of Melanoleuca from Oregon, An, 113
- Auerswaldia Pringlei, 146
- Auricularia Auricula, 52, 56, 314; **nigrescens**, 314
- Avena fatua, 161; **sativa**, 171, 172
- Baccharis, 18; **glutinosa**, 152
- Bacillus Mangiferae, 223
- Bacterium solanacearum, 109
- Badhamia capsulifera, 206; **decipiens**, 205, 206; **panicea**, 35; **papaveracea**, 206; **rubiginosa**, 201
- Based on collections by F. L. Stevens, Uredinales of Porto Rico, 16
- Basidiomycetes collected in Indo-China by C. B. Robinson, 214
- Battarea laciniata, 174
- Belonidium **Macounii**, 98, 103
- Berberis Fendleri, 159
- Berry, Edward W., Remarkable fossil fungi, 73
- Betula populifolia, 105
- Biatora phaeophora, 245
- Bibliography and new species of Philippine fungi, 253
- Bidens pilosa, 25; **tenuisecta**, 170
- Bignoniaceae, 18
- Bihai psittacorum, 19
- Bjerkandera adusta, 296
- Boletaceae, 249, 251, 296
- Boletinellus porosus, 296
- Boletus, 225; **auriporus**, 251; **felleus**, 251; **katui**, 216; **luteus**, 53; **reticulatus**, 217; **retipes**, 251; **rubrituber**, 54; **sanguineus**, 215; **Satanas**, 114; **tenuis**, 217
- Boudiera canina, 3; Claussenii, 3; **microscopica**, 3
- Bouteloua, 134; **aristoides**, 171; **barbata**, 171; **breviseta**, 171; **curtipendula**, 159, 171; **eripoda**, 171; **gracilis**, 171; **oligostachya**, 171
- Bovista pila, 299
- Bradburya pubescens, 46
- Brassica, 43; **napi**, 43; **rapae**, 43
- Brenckle, J. F., Lamprospora detonia sp. nov., 318
- Bromus polyanthus, 171
- Bruner, Stephen C., A new species of Endothia, 239
- Bulbils dactyloides, 171
- Bulgaria bicolor, 237
- Bullaria, 136; **tumidipes**, 136
- Caesalpinaceae, 16, 18, 20
- Cajanus indicus, 42
- Calamovilfa longifolia, 126, 127
- Calapogonium orthocarpum, 45
- Calathea lutea, 25
- Calliospora Farlowii, 18; Petalostemonis, 151
- Camarophyllus basidiosus, 297; Cantharellus, 297; **pallidus**, 297
- Camarosporium, 104; **coronillae** var. **Spiraeae**, 104; **Spiraeae**, 104
- Cantharellus cibarius, 251; **cinnabarinus**, 251; **infundibuliformis**, 251; **minor**, 251
- Capriola Dactylon, 20
- Carduaceae, 18, 19
- Carex, 169; **arctica**, 130, 141; **Douglasii**, 156; **durifolia**, 131; **Jamesii**,

¹ This article contains an index to the Uredinales of the West Indies and also an index to their hosts.

- 131; pubescens, 130; tenuis, 130, 141
Carya, 315
Cassava, 44
Cassia, 16; *alata*, 44; *angustisiliqua*, 18; *bauhinoides*, 164; *emarginata*, 16; *occidentalis*, 44
Castanea mollissima, 55
Castilleja confusa, 151; *integra*, 151; *linariaefolia*, 151; *sulphurescens*, 151
Ceanothus americanus, 100
Celtis reticulata, 149
Cenangium populneum, 302, 306
Cenchrus carolinianus, 25
Cephalanthus, 134; *occidentalis*, 134
Ceratiomyxa fruticulosa, 35; *fruticulosa flexuosa*, 35
Cercospora, 42; *Amarylloidis*, 44; *Amoraciae*, 43; *argythamniae*, 55; *Bloxami*, 43; *borinquensis*, 45; *Bradburyae*, 46; *brassicola*, 43; *Cajani*, 42; *Cassavae*, 44; *Chamaecristae*, 44; *conspicua*, 42; *densissima*, 44; *guanicensis*, 45; *Hibisci*, 44; *Hydroperis*, 43; *Lepidii*, 43; *Malachrae*, 45; *maricaoensis*, 44; *Mucunae*, 43; *namae*, 55; *Phyllitidis*, 44; *Polygonorum*, 43; *portoricensis*, 42; *rosicola*, 43; *Stevensii*, 45; *Vaginae*, 42
Ceratomyces bicolor, 296; *communis*, 296; *illudens*, 296; *retipes*, 296; *viscidus*, 53, 296
Ceropteris triangularis, 153
Cerrna unicolor, 296
Chaetochloa imberbis, 25
Chamaecrista Aeschynomene, 20
Chamaecyparis lawsoniana, 92
Chamaenerion angustifolium, 164
Chamaesara Coranopus, 150
Chamaesyce albomarginata, 168; *Fendleri*, 168; *Geyeri*, 168; *glyptosperma*, 168; *hypericifolia*, 25; *lata*, 168; *petaloidea*, 168; *serpens*, 168; *serpyllifolia*, 167; *stictospora*, 168
Chanterel Chantarellus, 297; *floccosus*, 297; *infundibuliformis*, 297
Cheilanthes Pringlei, 153
Chenopodium, 129; *album*, 129, 135, 141, 162, 176; *Fremonti*, 163; *pratericola*, 163
Chlamydomys clavatus, 174
Chloris elegans, 129, 165
Chlorosplenium aeruginosum, 56
Chondrioderma subdietyospermum, 201
Chrysanthemum leucanthemum, 104
Chrysothamnus linifolius, 146; *Vaseyi*, 146
Chytridiales, 144
Ciboria nebulosa, 295
Cineraria palustris, 131
Cintractia Caricis, 169; *leucoderma*, 225, 226
Cirsium pallidum, 157; *undulatum*, 157; *Wrightii*, 157
Citrus, 112
Cladium effusum, 19
Cladoderris dendritica, 56, 314
Cladosporites, 77, 78; *fasciculatus*, 77, 79; *oligocaenicum*, 77, 79
Cladosporium, 77; *herbarum*, 78, 176
Cladothrix lanuginosa, 144
Clastoderma Debaryanum, 39
Claudopus nidulans, 173; *subnidulans*, 313
Clavaria cristata, 295; *fusiformis*, 250, 294, 295; *Kunzei*, 295; *pistillaris*, 53
Clavariaceae, 250
Claviceps purpurea, 146
Clematis ligusticifolia, 128, 132, 157, 175
Cleome, 42
Clitocybe, 68, 317; *adirondackensis*, 297; *candida*, 69; *eccentrica*, 297; *flaccida*, 185; *illudens*, 251; *infundibuliformis*, 251, 297; *laccata*, 251; *lactariiformis*, 297; *monadelphica*, 68; *nebularis*, 65-69, 71; *nobilis*, 69; *robusta*, 69
Clitopilus abortivus, 65
Coffea arabica, 16
Coleosporium Eupatorii, 18; *ribicola*, 151, 309
Coleosporium ribicola, The aecial stage of, 309
Collections by F. L. Stevens, Uredinales of Porto Rico based on, 16
Collybia agricola, 218; *avellaneidisca*, 218; *avellaneigrisea*, 218; *badiifolia*, 218; *cinchonensis*, 218; *cremeimellea*, 218; *densifolia*, 218; *dentata*, 218; *denticulata*, 218; *domestica*, 218; *Earleae*, 218; *Eatonae*, 218; *farinacea*, 218; *finetaria*, 219; *flavescens*, 219; *fulvidisca*, 219; *fulvipes*, 219; *Glatfelteri*, 219; *griseifolia*, 219; *jamaicensis*, 219; *ludoviciana*, 219; *marasmiiformis*, 219; *monticola*, 219; *musicola*, 219; *nitritiformis*, 219; *oculata*, 219; *orizabensis*, 219; *pallida*, 219; *platyphylla*, 251; *radicata*, 251; *rossellivida*, 219; *setulosa*, 219; *sinuata*, 219; *squamiger*, 219; *subavellanea*, 219; *subflavescens*, 219; *subflavifolia*, 219;

- sublatericia*, 219; *subnivulosa*, 219; *subrugosa*, 219; *tenuifolia*, 219; *tortipes*, 219; *trullisata*, 219; *unakensis*, 219; *virginiana*, 219; *Volkertii*, 219; *xuchilensis*, 219
Coltricia cinnamomea, 296; *perennis*, 296
Colus Schellenbergiae, 183; *javanicus*, 184
Colus from Pennsylvania, A new species of, 183
Comandra pallida, 152
Comatricha nigra, 39; *pulchella*, 209; *typhoides*, 39; *typhoides* var. *heterospora*, 39
Conifers, Laboratory tests on the durability of American woods—I. Flask tests on, 80
Convolvulaceae, 19
Coprinus, 53, 54, 70, 71, 186; *atramentarius*, 70, 72, 173; *atramentarius silvestris*, 297; *bisporus*, 54; *comatus*, 52, 53; *ephemerus*, 186; *Hansenii*, 54; *micaceus*, 70, 173, 186, 297; *stercorarius*, 186
Cordia, 17; *alliodora*, 17; *cylindrostachya*, 18
Corioliopsis caperata, 314; *occidentalis*, 56
Coriolus abietinus, 173, 296; *haedinius*, 56; *limitatus*, 173; *membranaceus*, 56; *nigromarginatus*, 296; *pinsitus*, 56; *pubescens*, 53; *sector*, 56; *versicolor*, 173, 296
Cornus Nuttallii, 101
Corticium pezizoideum, 53; *serum*, 184; *varians*, 184
Cortinarius, 316; *armillatus*, 297; *chrysolithus*, 54; *semisanguineus*, 297
Cortinellus vaccinii, 53
Crataegus brevispina, 105
Craterellus Cantharellus, 250, 295; *cornucopioides*, 250, 295
Craterium floriforme, 211, 213; *leucocephalum* var. *cylindricum*, 207, 213; *minimum*, 207, 213; *porphyrium*, 207
Crepidopus, 218; *ostreatus*, 297
Cressa truxillensis, 157
Cribaria, 40; *argillacea*, 41, 212; *ele-gans*, 210; *macrocarpa*, 40; *microscopica*, 210; *minima*, 210; *minutissima*, 210; *pyriformis*, 40; *splendens*, 40
Crinipellis fragilis, 110
Cronartium, 314; *coleosporioides*, 151; *Comandrae*, 152; *ribicola*, 314
Crucibulum vulgare, 299
Cryptogamme Stelleri, 153
Cryptosporium falcatum, 107
Cudonia lutea, 295
Cultures of Uredineae in 1915, 125
Cup-fungi—III. *Peziza domiciliana* and *Peziza repanda*, 195; IV. *Peziza clypeata*, Photographs and descriptions of, 235
Curtis Herbarium, Notes on the *Myxomycetes* of the, 199
Cyathia hirsuta, 174
Cycloporellus iodinus, 314
Cylindrosporium, 106; *Chrysanthemi*, 104; *Crataegi* var. *brevispina*, 105; *spigeliae*, 55; *Toxicodendri*, 105
Cynodon Dactylon, 21
Cyperaceae, 16, 17, 19
Cyperus, 225; *distans*, 25; *esculentus*, 157; *Gatesii*, 225; *odoratus*, 25
Cyphella porrigens, 53
Cytodiplospora parallela, 101
Cytospora chrysosperma, 295
Daedalea, 216; *amanitoides*, 56, 216; *applanata*, 216; *confragosa*, 296; *flavida*, 216; *Palisoti*, 216; *philippinensis*, 110; *repanda*, 216
Daldinia concentrica, 295
Dangerous mushroom, A very, 186
Darlucia filum, 175
Dasyliirion Wheeleri, 148
Dasyochloa pulchella, 171
Dasycephala arida, 53
Dearness, John, New or noteworthy species of fungi, 98
Delphinium Sapelloni, 157
Descriptions of cup-fungi—III. *Peziza domiciliana* and *Peziza repanda*, 195; IV. *Peziza clypeata*, Photographs and, 235
Diachaea leucopoda, 38; *leucopoda* var. *globosa*, 38
Dianthus caryophyllus, 181
Diaporthe, 100; *columbiensis*, 100; **Euonymi**, 99; **Macounii**, 100
Dicaeoma poculiforme, 181
Dichrophyllum marginatum, 168
Dictydiaethalium plumbeum, 40, 211, 213
Dietydium, 40; *cancellatum*, 40
Diderma, 38; *antarctica*, 37; *hemisphericum*, 36 *niveum*, 36; *niveum* *Lyallii*, 36; *pallidum*, 206; *simplex*, 37; *spumarioides*, 36; *testaceum*, 36; *Trevelyani*, 37
Didymaria Clematidis, 175
Didymium, 202; *chrysospeplum*, 200; *Clavus*, 38; *columbinum*, 200, 209, 213; *curtisii*, 201; *dealbatum*, 201; *difforme*, 212; *eximium*, 201, 202; *luteogriseum*, 201; *megalosporum*, 201, 202, 209, 213; *melanospermum*,

- 38; nectriaforme, 202; nigripes, 201; nigripes var. eximium, 205, 213; ohrusseum, 202; pusillum, 202; proximum, 202; pruinatum, 202; radiatum, 203; Ravenelii, 203; squamulosum, 203; terrigenum, 204, 213; tenerimum, 203; xanthopus, 202
- Didymosphaeria* Ceanothi, 100; **Houset**, 100
- Dimerosporium* Collinsii, 146
- Diplodia constricta*, 102; **Nuttalliae**, 102; *Spiraea*, 102; **Ulmi**, 102
- Dirca*, 135, 136; *palustris*, 135
- Discina adnata*, 237; *clypeata*, 237; *orbicularis*, 237; *repanda*, 198
- Discomycetes*, 98
- Disella hederacea*, 159, 161, 162; *lepidota*, 159
- Distichlis maritima*, 136; *spicata*, 135, 141, 163, 172
- Dodge, B. O., Fungi producing heart-rot of apple trees, 5
- Dothichiza populea*, 300-308
- Dothichiza populea* in the United States, 300
- Dothidella*, 45
- Dothiorella*, 111
- Draba aurea*, 160
- Dugaldea Hoopesii*, 148, 150, 176
- Dulichium arundinaceum*, 130, 140
- Duportella Raimundoi*, 110; *velutina*, 110
- Durability of American woods—I. Flask tests on conifers, Laboratory tests on the, 80
- Earlea speciosa*, 152
- Earliella corrugata*, 314
- Earth-inhabiting species of *Ascobelus*, The, 93
- Ehretiacae*, 17, 18
- Eichleriella*, 316; *gelatinosa*, 316; *Schrenkii*, 316
- Eleagnus*, 128; *argentea*, 128
- Eleocharis capitata*, 25; *flaccida*, 25; *mutata*, 25
- Elfvigia fomentaria*, 296; *megalomia*, 296; *tornata*, 56, 314
- Elfvigiella fasciata*, 56, 314
- Elmerina foliacea*, 110
- Elymus*, 139; *canadensis*, 146, 157, 170; *condensatus*, 138; *virginicus*, 138, 141
- Endothia*, 239, 240; **havanensis**, 241; *longirostris*, 242; *parasitica*, 112, 304; *radicalis*, 113, 239, 242
- Endothia*, A new species of, 239
- Enerthenema papillatum*, 39
- Enteridium cinereum*, 204
- Entoloma lividum*, 114, 123
- Entyloma australe*, 169; *Compositarum*, 170
- Ephedra Torreyana*, 155; *trifurca*, 154, 155
- Epidendrum difforme*, 21; *rigidum*, 21
- Epilobium adenocladon*, 158; *novomexicanum*, 164
- Erigeron subtrinervis*, 146
- Eriogonum cernuum*, 166; *effusum*, 166; *lonchophyllum*, 166; *racemosum*, 166
- Eriophorum*, 131; *angustifolium*, 131; *polystachion*, 132; *tenellum*, 132; *virginicum*, 132; *viridi-carinatum*, 131, 132, 141
- Eriosporangium evadens*, 18; *punctato-striatum*, 152
- Erysiphe*, 147; *Cichoracearum*, 146-148, 175; *Galeopsidis*, 147; *graminis*, 147; *Polygoni*, 147, 148
- Eucalyptus*, 239; *botryoides*, 240, 242; *microphylla*, 242; *occidentalis*, 242; *robusta*, 242; *rostrata*, 242
- Euonymus atropurpureus*, 99
- Eupatorium macrophyllum*, 18
- Euphorbia corollata*, 127
- Euphorbiaceae*, 24
- Eurotia lanata*, 151
- Exoascales*, 316
- Exobasidium*, 316
- Exogonium arenarium*, 19
- Experiment with *Panaculus papilionaceus*, An, 317
- Fabaceae*, 16, 18
- Fagus antarctica*, 38
- Family of *Hymenomycetes*, A new, 56
- Favolus variegatus*, 56
- Fendlera falcata*, 152; *rupicola*, 152
- Festuca*, 133; *Thuberi*, 132, 141
- Fimbristylis spadicea*, 17
- Fink, Bruce, Hermann Edward Hasse,—*Lichenist*, 243
- Fink's *Ascomycetes* of Ohio, 57
- Fistulina hepatica*, 251
- Flask tests on conifers, Laboratory tests on the durability of American woods—I, 80
- Fomes*, 214; *annosus*, 111; *applanatus*, 250; *Auberianus*, 314; *Ellisia-nus*, 173; *fomentarius*, 225; *ignarius*, 6; *lobatus*, 250; *pinicola*, 111; *populinus*, 296; *rimosus*, 214, 250; *ungulatus*, 296
- Fomitella supina*, 56, 314
- Fossil fungi, Remarkable, 73
- Frasera macrophylla*, 168; *speciosa*, 168

- Fuligo cinerea*, 204, 213; *septica*, 36
Fulvifomes extensus, 314
 Fungi—XXIII, 121; XXIV, 191;
 XXV, 231; Illustrations of
 Fungi Collected at Arkville, New
 York, 293
 Fungi, New or noteworthy species
 of, 98
 Fungi of New Mexico, 142
 Fungi producing heart-rot of apple
 trees, 5
 Fungi, Remarkable fossil, 73
 Fungi—II, Studies in Porto Rican
 parasitic, 42
- Galactinia succosa*, 295
Galactopus, 218; *succosus*, 297
Galera Hypnorum, 297; *tener*, 297
Galium asperum, 161
Ganoderma Bakeri, 110; *plicatum*,
 110; *Tsugae*, 296
Ganolobus, 202
Gasteromycetes, 299
Gaura coccinea, 167; *glabra*, 167; *in-*
ducta, 167; *parviflora*, 167; *villosa*,
 167
Gayophytum ramosissimum, 158
Geaster floriformis, 174; *hygrometri-*
cus, 174; *saccatus*, 299
 Genus of resupinate polypores, A
 new, 56
Geopetalum, 218, 297; *albescens*, 218;
geophilum, 218; *sublatinum*, 218;
subhaedinum, 218; *tremelliforme*,
 218
Geopyxis amplispora, 198; *pallidula*,
 197; *vulcanalis*, 53
Gloeophyllum hirsutum, 296
Gloeosporium, 106; *lunatum*, 223;
Toxicodendri, 105, 106
Glycyrrhiza lepidota, 147, 166
 Graff, Paul W., Basidiomycetes col-
 lected in Indo-China by C. B. Rob-
 inson, 214; Bibliography and new
 species of Philippine fungi,² 253
Grifola Berkeleyi, 296
Grindelia, 158; *aphanactis*, 148, 158,
 177; *subalpina*, 158
Grossularia leptantha, 151, 158
Guepinia spathularia, 314
Guilandina crista, 45
Guinardia Aesculi, 224
Gutierrezia, 158; *tenuis*, 158
Gymnopus, 218; *agricola*, 218; *avel-*
laneidiscus, 218; *avellaneigriseus*,
 218; *badii*, 218; *chrysopleus*,
 297; *cinchonensis*, 218; *cremei-*
melleus, 218; *densifolius*, 218;
dentatus, 218; *denticulatus*, 218;
domesticus, 218; *dryophilus*, 297;
Earleae, 218; *Eatonae*, 218; *farin-*
naceus, 218; *fumetarius*, 219; *flaves-*
cens, 219; *fulvidiscus*, 219; *fulvipes*,
 219; *Glatfelteri*, 219; *griseifolius*,
 219; *jamaicensis*, 219; *ludovici-*
anus, 219; *marasmiiformis*, 219;
monticola, 219; *musicola*, 219;
myriadophyllus, 297; *nigritiformis*,
 219; *oculatus*, 219; *oculus*, 297;
orizabensis, 219; *pallidus*, 219;
platyphyllus, 297; *radicatus*, 297;
roseilividus, 219; *setulosus*, 219;
sinuatus, 219; *squamiger*, 219;
subavellaneus, 219; *subflavescens*,
 219; *subflavifolius*, 219; *sublateri-*
cus, 219; *subnivulosus*, 219; *sub-*
rugosus, 219; *tenuifolius*, 219; *tor-*
tipes, 219; *trullisatus*, 219; *una-*
kensis, 219; *virginianus*, 219;
Volkertii, 219; *xuchilensis*, 219
Gymnosporangium, 313; *bermudia-*
num, 18; *gracilens*, 152; *incon-*
spicuum, 152; *juvenescens*, 152;
koreacense, 222; *Nelsoni*, 153
Gyrocephalus rufus, 295
Gyroporus castaneus, 296; *cyanes-*
cens, 296
- Habenaria maculosa*, 18
Halerpestes Cymbalaria, 157
Hamelia erecta, 23
Hapalopilus gilvus, 56; *rutilans*, 296
 Harper, Edward T., Two parasitic
 mushrooms, 65
 Hasse, —Lichenist, Hermann Edward,
 243
 Heart-rot of apple trees, Fungi pro-
 ducing, 5
Hebeloma peckii, 55
 Hedcock, George G., and Hunt, N.
 Rex, *Dothichiza populea* in the
 United States, 300
Helianthus annuus, 158; *ciliaris*, 159;
fascicularis, 149
Heliconia psittacorum, 19
Heliopsis scabra, 146
Helminthosporium Hydropiperis, 43
Helotium citrinum, 295
Helvella crispa, 53
Hemileia vastatrix, 16
Hemitrichia clavata, 41; *Vesparium*,
 208, 211
 Hermann Edward Hasse, —Lichenist,
 243
Herpotrichia nigra, 53
Heteropogon contortus, 170
Hevea, 315
Hexagona alveolaris, 296; *daedalea*,

² This article contains an index to new genera and species.

- 56; *lachnochaeta*, 110; *striatula*, 296
- Hexagonia*, 217; *tenuis*, 217
- Hiatula*, 317; *Benzonii*, 317; *ciliatula*, 317; *discreta*, 317; *minima*, 317; *purpurascens*, 317
- Hibiscus tiliaceus*, 44
- Hilaria Jamesii*, 172; *mutica*, 172
- Holcus jalapensis*, 16; *lanatus*, 128; *Sorghum*, 16
- Hordeum jubatum*, 128, 161, 167; *nodosum*, 140; *pusillum*, 139-141
- Host, A known species of smut on a new, 225
- Humphrey, C. J., Laboratory tests on the durability of American woods—I. Flask tests on conifers, 80
- Humulus Lupulus neomexicanus*, 148
- Hunt, Rex N., and Hedgcock, George G., *Dothichiza populea* in the United States, 300
- Hyalopora Cheilanthis*, 153
- Hydnaceae*, 250, 296
- Hydnum adustum*, 250; *erinaceum*, 250; *imbricatum*, 53; *repandum*, 296; *zonatum*, 250
- Hydrocotyle australe*, 129
- Hydrocybe ceracea*, 297; *flammea*, 297; *lacta*, 297; *miniata*, 297; *nitida*, 297; *Peckii*, 297; *punicea*, 297
- Hydrophyllum*, 138; *capitatum*, 138, 141; *Fendleri*, 146, 160
- Hygrophorus*, 294, 317; *miniatus*, 251
- Hymenocallis*, 44
- Hymenochaete pavonia*, 110
- Hymenoclea monogyra*, 162
- Hymenomycetes*, 295
- Hymenomycetes*, A new family of, 56
- Hypholoma appendiculatum*, 298; *incertum*, 251; *pecosense*, 173
- Hypochnus subtilis*, 186
- Hypocrea Richardsoni*, 53
- Hypomyces apiculata*, 295; *hyalinus*, 295, 299; *lactifluorum*, 295
- Hypoxis decumbens*, 22
- Hystrix*, 138
- Illustrations of fungi—XXIII, 121, XXIV, 191, XXV, 231
- Illustrations of fungi I-XXII, Index to, 47
- Index to American mycological literature, 59, 116, 188, 227, 289, 319
- Index to illustrations of fungi I-XXII, 47
- Indo-China by C. B. Robinson, Basidiomycetes collected in, 214
- Inocybe*, 298, 312, 316; *anomala*, 312
- Insects and mushrooms, 113
- Ionoxalis Martiana*, 19; *violacea*, 151
- Ipomoea arenaria*, 19; *hirsutula*, 144; *Stuedeli*, 19
- Iris*, 129; *versicolor*, 129
- Irpex lacteus*, 5
- Irpiciporus lacteus*, 296
- Isocoma heterophylla*, 163
- Iva axillaris*, 159; *xanthiifolia*, 146
- Johnston, J. R., Marasmius on sugar cane, 115
- Juglans major*, 177
- Juncus interior*, 168; *longistylis*, 168
- Juniperaceae*, 18
- Juniperus*, 174; *bermudiana*, 18; *californica*, 91; *chinensis*, 222; *luayanana*, 18; *monosperma*, 152, 153; *pachyphloea*, 151; *occidentalis*, 91; *scopulorum*, 153; *utahensis*, 152, 153
- Kentucky fungi, Some, 249
- Kniep's Beiträge zur Kenntnis der Hymenomyceten, III, Review of, 184
- Known species of smut on a new host, A, 225
- Koeleria cristata*, 160
- Laboratory tests on the durability of American woods—I. Flask tests on conifers, 80
- Laccaria laccata*, 298; *ochropurpurea*, 315; *striatula*, 298
- Lachnea lusitanae*, 295; *scutellata*, 295
- Lachnobolus cinereus*, 204, 213
- Lachnocladium Micheneri*, 295; *Schweinitzii*, 295
- Lactaria*, 191; *atroviridis*, 191; *cilioides*, 194; *cinerea*, 298; *deliciosa*, 114, 225; *distans*, 192; *Gerardii*, 251; *Hibbardae*, 298; *hygrophoroides*, 192, 298; *lactiflua*, 192, 251, 298; *lignyota*, 298; *luteola*, 192; *maculosa*, 193; *piperata*, 122, 185, 298; *rufa*, 192; *subdulcis*, 251, 298; *subvelutina*, 192; *testacea*, 192; *torminosa*, 114, 193; *trivialis*, 252; *zonaria*, 114
- Lactuca integrata*, 146; *pulchella*, 159
- Laetadia biennis*, 98; *galactina*, 55
- Lamiaceae*, 24
- Lamproderma columbinum*, 208
- Lamprospora detonia*, 318; *trachycarpa*, 318
- Lapsana communis*, 107
- Larix europaea*, 91
- Lasiosphaeria hispida*, 295
- Lathyrus arizonicus*, 166; *decaphyllus*, 166, 176; *leucanthus*, 147, 166
- Laurinoxylon*, 79
- Leangium*, 38

- Lecanora redimita*, 245
Lentinus, 217, 315; *carneotomentosus*, 298; *crinitus*, 56; *exilis*, 217; *infundibuliformis*, 315; *lepideus*, 11, 82, 83; *similis*, 315; *strigosus*, 56, 314
Lentodiellum, 218
Lenzites applanata, 216; *betulina*, 296; *lurida*, 217; *pallida*, 217; *palisota*, 216; *platypoda*, 217; *repanda*, 216; *subconfragosa*, 217
Leocarpus fragilis, 36; *lubrica*, 295
Leotia chlorocephala, 250
Lepargyrea, 128; *argentea*, 173; *canadensis*, 128, 150, 177
Lepidium, 43; *alysoides*, 163
Lepidodendron, 75
Lepidostrobos, 75
Lepiota, 53, 54, 234; *acutesquamosa*, 233; *aspera*, 233; *asperula*, 233; *Cortinarius*, 54; *cristata*, 313; *eriphora*, 233; *Friesii*, 233; *Morgani*, 252; *seminuda*, 313
Leptomyces, 218, 317
Leptoporus armatus, 110; *Bakeri*, 110
Leptostromella conigena, 105
Leucocerinum, 127
Leucoporus ameides, 110
Leucosyris spinosus, 165
Levine, Michael, Review of Kniep's Beiträge zur Kenntnis der Hymenomyeten, III, 184
Licea, 37; *antarctica*, 37; *applanata*, 211; *artocreas*, 211; *macrospora*, 212; *microsperma*, 212, 213; *rubiformis*, 212; *spermoides*, 212; *stipitata*, 212
Lichenist, Hermann Edward Hasse, 243
Ligularia sibirica, 131
Ligusticum Porteri, 154
Limnanthemum Grayanum, 17
Limonium limbatum, 167
Lindbladia effusa var. *simplex*, 212
Linnaea, 149; *americana*, 149
Linum Lewisii, 154
Literature, Index to American mycological, 59, 116, 188, 227, 289
Lithospermum, 139
Long, W. H., Note on western red rot in *Pinus ponderosa*, 178; The aecal stage of *Coliosporium ribicola*, 309
Lupinus aduncus, 175; *ammophilus*, 167; *Kingii*, 167; *perennis*, 104
Lycium pallidum, 136, 163, 141; *vulgare*, 136, 141
Lycogala Epidendrum, 41; *flavofuscum*, 41
Lycoperdales, 174
Lycoperdon gemmatum, 299; *separans*, 299; *subincarnatum*, 299
Lycopus, 131; *virginicus*, 181
Macrophoma celtidicola, 55; *peckiana*, 55
Macropodia macropus, 295; *pubida*, 295
Macrosporium Solani, 177
Madia glomerata, 146
Malachra rotundifolia, 46
Malvaceae, 16
Malvastrum elatum, 162
Mangifera indica, 239, 242
Marantaceae, 25
Marasmius, 54, 115, 295; *alliatus*, 298; *caryophylleus*, 54, 298; *confluens*, 298; *delectans*, 298; *dichrous*, 298; *foetidus*, 298; *gla-bellus*, 298; *plicatus*, 115; *resinosus*, 298; *rotula*, 298; *Sacchari*, 115; *semiustis*, 115; *siccus*, 252, 298; *stenophyllus*, 115; *subnudus*, 298
Marasmius on sugar cane, 115
Margarita metallica, 41
Mariscus jamaicense, 19
Marsonia, 106
Marssonina Toxicodendri, 105
Medicago sativa, 150, 167; *denticulata*, 18; *lupulina*, 167
Melampsora albertensis, 153; *arctica*, 153; *Bigelovii*, 153; *Lini*, 154; *Medusae*, 154
Melampsorella elatina, 154
Melampsoropsis Pyrolae, 154
Melanconium parvulum, 105
Melanoleuca albissima, 298, 299; *alboflavida*, 298; *anomala*, 312; *mela-leuca*, 53, 298; *olivaceiflava*, 113
Melanoleuca from Oregon, An attractive species of, 113
Melanopsamma waghornii, 55
Melanopus, 10
Meliola, 314
Mentha Penardi, 160
Menyanthaceae, 17
Mertensia, 175; *pratensis*, 147
Metasphaeria Macounii, 100
Microglossum rufum, 295
Micromphale, 218; *badium*, 219; *fulvifibrilloseum*, 219; *subexcavatum*, 219
Microsphaera Symphoricarpi, 148
Microstroma album, 177; *Juglandis*, 177
Mikania scandens, 19
Mollisia, 98; *apiophila*, 98
Monarda stricta, 160
Moneses uniflora, 154
Moniliales, 176
Morchella crassipes, 53

- Mucronoporus Andersoni*, 56, 57
Mucuna pruriens, 43
Muhlenbergia neomexicana, 148; *Porteri*, 172; *Pringlei*, 172; *repens*, 160; *squarrosa*, 161
Murrill, W. A., An attractive species of *Melanoleuca* from Oregon, 113; *Fungi Collected at Arkville, New York*, 293; *Illustrations of fungi—XXIII*, 121; *XXIV*, 191; *XXV*, 231; Index to illustrations of fungi I–XXII, 47; A new family of *Hymenomycetes*, 56; A new genus of resupinate polypores, 56; *Pleurotus*, *Omphalia*, *Mycena*, and *Collybia* published in North American Flora, 218; A very dangerous mushroom, 186
Mushroom, A very dangerous, 186
Mushrooms, Insects and, 113
Mushrooms, Two parasitic, 65
Mycena, 53; *Abramsii*, 220; *adironackensis*, 220; *alcaliniformis*, 220; *argillacea*, 220; *attributionea*, 220; *atridisca*, 220; *aurantiacea*, 220; *aurantidisca*, 220; *avellanea*, 220; *avellanelgrisea*, 220; *brevipes*, 220; *caesialba*, 220; *carbonicola*, 220; *cervinalba*, 220; *cinchonensis*, 220; *cinereiavellanea*, 220; *collybiiformis*, 220; *farinacea*, 220; *flavicitrina*, 220; *fuliginosa*, 220; *fumosiavellanea*, 220; *fusipes*, 220; *gracilipes*, 220; *Grantii*, 220; *latericia*, 220; *leptotiformis*, 220; *leucophaea*, 220; *longipes*, 220; *ludoviciana*, 220; *magna*, 220; *margarita*, 220; *melleidisca*, 221; *minutissima*, 221; *murina*, 221; *myceliosa*, 221; *niveipes*, 221; *occidentalis*, 221; *ochraceicinerea*, 221; *paludicola*, 221; *parvula*, 221; *pectinata*, 221; *plumbeibrunnea*, 221; *pubescens*, 221; *roseipallens*, 221; *roseola*, 221; *rutilantiformis*, 221; *Sabali*, 221; *scabripes*, 221; *subfumosa*, 221; *subpulverulenta*, 221; *subtenuipes*, 221; *syringaea*, 221; *tenuicula*, 221; *testacea*, 221; *trojana*, 221; *viridigrisea*, 221
Mycological literature, Index to American, 59, 116, 188, 227, 289
Myxomycetes, 199, 200
Myxomycetes from South America, 34
Myxomycetes of the Curtis Herbarium, Notes on the, 199
Nemopanthes mucronata, 107
Neotiella albocincta, 295
Nephlyctis transformans, 18
Neurolaena lobata, 25
New family of *Hymenomycetes*, A, 56
New genus of resupinate polypores, A, 56
New Mexico, *Fungi* of, 142
New or noteworthy species of fungi, 98
New species of *Colus* from Pennsylvania, A, 183
New species of *Endothia*, A, 239
New species of *Phillippine fungi*, Bibliography and, 253
Nidularia pisiformis, 299
Nigredo Caladii, 181; *caryophyllina*, 181; *Medicaginis*, 18; *Trifolii*, 18
Nolina microcarpa, 170
North American Flora, *Pleurotus*, *Omphalia*, *Mycena*, and *Collybia* published in, 218
North American species of *Ascomyces*, 1
Notes on western red rot in *Pinus ponderosa*, 178
Notes and brief articles, 52, 108, 183, 222, 312
Notes on the *Myxomycetes* of the Curtis Herbarium, 199
Noteworthy species of fungi, New or, 98
Nothoholcus lanatus, 128
Notholaena, 153; *sinuata*, 153
Nothoscordium, 139, 140; *bivalve*, 139–141; *striatum*, 139, 140
Nuttallia cerasiformis, 100, 102
Nyssopsora echinata, 154
Oetospora varia, 197
Odostemon Fremontii, 169; *haematocarpus*, 169; *repens*, 169
Oenothera biennis, 167; *procera*, 148
Ohio, Fink's *Ascomycetes* of, 57
Ohleriella neomexicana, 148
Oidium fusisporioides f. *Lapsanae*, 107
Olyra, 22
Omphalia acuminata, 219; *Bakeri*, 220; *californiensis*, 220; *coccinea*, 219; *collybiiformis*, 219; *convexa*, 220; *cremea*, 219; *cuspidatella*, 219; *cuticolor*, 220; *Dawsonii*, 219; *distantifolia*, 220; *Earlei*, 219; *hypobrunnea*, 219; *incarnata*, 219; *jalapensis*, 219; *lenta*, 219; *luteicolor*, 219; *McMurphyi*, 220; *miniata*, 219; *myceniformis*, 220; *niveicolor*, 219; *petasiformis*, 220; *praedecurrens*, 220; *pseudogrisea*, 220;

- roriduliformis*, 220; *Sequoiarum*, 220; *subavellanea*, 220; *subcartilaginea*, 220; *subimmaculata*, 220; *subscyphoides*, 220; *tepeitensis*, 220; *translucentipes*, 220; *turbinata*, 220
Omphalina, 218; *acuminata*, 219; *chrysophylla*, 298; *coccinea*, 219; *collybiiformis*, 219; *cremea*, 219; *cuspidatella*, 219; *Dawsonii*, 219; *Earlei*, 219; *hypobrunnea*, 219; *incarnata*, 219; *jalapensis*, 219; *lenta*, 219; *luteicolor*, 219; *miniata*, 219; *niveicolor*, 219; *Sequoiarum*, 220; *subcartilaginea*, 220; *subscyphoides*, 220; *tepeitensis*, 220
Omphalopsis, 218; *Bakeri*, 220; *californiensis*, 220; *campanella*, 298; *convexa*, 220; *cuticolor*, 220; *distantifolia*, 220; *fibula*, 298; *McMurphyi*, 220; *myceniformis*, 220; *petasiformis*, 220; *praedecurrens*, 220; *pseudogrisea*, 220; *roriduliformis*, 220; *subavellanea*, 220; *subimmaculata*, 220; *translucentipes*, 220; *turbinata*, 220
Onosmodium, 139
Ophiotheca pallida, 207; *umbrina*, 207; *wrightii*, 207
Oplismenus hirtellus, 21
Orchidaceae, 18, 21
Oregon, An attractive species of *Melanoleuca* from, 113
Oreobatus, 155; *deliciosus*, 155; *neomexicanus*, 155
Ornithogalum bivalve, 139; *umbellatum*, 139
Oryzopsis hymenioides, 172
Ostracoderma spadiceum, 213
Otidea alutacea, 295; *Auricula*, 53
Overholts, L. O., and Mae F., *Some Kentucky fungi*, 249
Oxalidaceae, 19
Oxytropis Lamberti, 165
Pachyella Barlaeana, 237
Pachylophus hirsutus, 167; *macroglottis*, 167
Padus, 149; *melanocarpa*, 149, 177
Palaeomyces, 75
Palmoxydon cellulosum, 74, 77, 79
Panaeolus, 52, 69, 187; *acidus*, 187; *campanulatus*, 56, 298, 299; *digressus*, 187; *epimyces*, 52, 69; *papilionaceus*, 317; *reticulatus*, 313; *rufus*, 313; *variabilis*, 313; *venenosus*, 186
Panellus stypticus, 298, 299
Panicum capillare, 127; *fasciculatum*, 25
Panus stipticus, 185
Pappophorum Wrightii, 171
Parasitic fungi—II, *Studies in Porto Rican*, 42
Parasitic mushrooms, Two, 65
Parmelia subolivacea, 245
Parosela domingensis, 18
Parthenocissus vitacea, 149
Paspalum fimbriatum, 25
Pavonia racemosa, 16
Paxillus corrugatus, 252; *involutus*, 298; *Lepista*, 69
Pellaea andromedaefolia, 153
Peltandra virginica, 181
Peniophora cinerea, 295
Pennsylvania, A new species of *Colus* from, 183
Peperomia, 23; *hernandiflora*, 23
Perichaena, 211; *chrysosperma*, 207; *depressa*, 211; *vermicularis*, 206, 207
Peridermium, 314; *coloradense*, 154; *Ephedrae*, 154; *ribicola*, 309–311
Peronospora, 74; *Lepidii*, 145; *parasitica*, 145
Peronosporales, 144
Peronosporites antiquarius, 75, 76
Peronosporoides, 76; *palmi*, 74, 75, 77, 79
Persea gratissima, 239, 242
Petalostemum oligophyllum, 151, 169; *purpureum*, 169
Peziza, 236; *Adae*, 197; *adnata*, 235, 237; *amplispora*, 197; *Barlaeana*, 237; *clypeata*, 235, 236, 237; *domiciliana*, 195, 196, 197; *pallidula*, 197; *odorata*, 197; *orbicularis*, 236, 237; *regalis*, 150; *repanda*, 195, 196, 197, 295; *repanda amplispora*, 197; *Stevensoniana*, 197; *varia f. lignicola*, 198; *varia f. typica*, 197
Pezizales, 150
Phacelia, 139; *heterophylla*, 147, 160, 175
Phaeopezia Nuttallii, 95
Phaseolus vulgaris, 165
Philadelphus argyrocalyx, 152; *ellipticus*, 152; *microphyllus*, 152
Philibertia veriflora, 161
Philippine fungi, *Bibliography and new species of*, 253
Pholiota, 316; *aegerita*, 113; *candicans*, 53
Phoma Lupini, 175
Photographs and descriptions of cup-fungi—III, *Peziza domiciliana* and *Peziza repanda*, 195; IV, *Peziza clypeata*, 235
Phragmidium imitans, 155; *montivagum*, 155; *occidentale*, 155; *Peckianum*, 155; *Potentillae*, 155; *speciosum*, 152

- Phragmites, 128; communis, 127
 Phyllachora Dasylii, 148; graminis, 148; Trifolii, 148
 Phyllanthus grandifolius, 24
 Phylloporus rhodoxanthus, 298
 Phyllosticta Atriplicis, 176; baccharidis, 55; cruenta, 176; maurandiae, 55; medeolae, 55; oakesiae, 55; pachysandrae, 55; raui, 55; rhexiae, 55; Symphoricarpi, 176
 Physalacria inflata, 295
 Physalis comata, 151; neomexicana, 169
 Physalospora aurantia, 149
 Physarella oblonga, 36
 Physarum bogoriense, 206; brunneolum, 35; caespitosum, 204; chrysotrichum, 205; citrinellum, 204; columbinum, 201, 213; compactum, 200, 201, 213; compressum, 202; cupriceps, 205; cupripes, 205; decipiens, 206; dictyospermum, 35; didermoides, 36, 204; flavicomum, 205; globuliferum, 35, 203, 205; lateritium, 36, 204; melleum, 200; murinum, 203; nutans, 36; penetrans, 35; Petersii, 205; polycephalum, 35, 201; polycephalum var. obrussum, 201, 202, 203; pulcherrimum, 203, 209, 213; pulcherripes, 203, 205, 206; pusillum, 203; rubiginosum, 36; sinuosum, 206; straminipes, 36; vermiculare, 206; virescens, 202, 204, 213; viride, 35
 Physopella Artocarpi, 17
 Physotheca Halstedii, 145
 Phytophthora cactorum, 109; infestans, 145
 Picea abies, 105; canadensis, 92; engelmanni, 92; Parryana, 154; rubens, 92; sitchensis, 92
 Pilosace, 69; algeriensis, 65, 69-71
 Pileolaria patzcuarensis, 156
 Pinus contorta, 91; echinata, 91; edulis, 309, 311; excelsa, 222; lambertiana, 91; monticola, 91; palustris, 91; ponderosa, 91, 178; pungens, 92; resinosa, 91; rigida, 91; strobus, 92
 Pinus ponderosa, Note on western red rot in, 178
 Piper, 23; hispidum, 42
 Piperaceae, 23
 Piptandenia macrocarpa, 20; peregrina, 20
 Pisum sativum, 147, 148, 176
 Placosphaeria celtidis, 55; cornicola, 101
 Pleurotus albescens, 218; badius, 219; dimidiatus, 298; Eryngii, 114; fulvifibrillosus, 219; geophilus, 218; petaloides, 252; phosphoreus, 114; subelatinus, 218; subexcavatus, 219; subhaedinus, 218; tremelliformis, 218
 Plicaria repanda, 198
 Plowrightia morbosa, 149; neomexicana, 149
 Pluteus cervinus, 313
 Poa pratensis, 147
 Poaceae, 16, 19, 21
 Podosphaera Oxycanthae, 149
 Podostemaceae, 19
 Podostroma alutacea, 295
 Pogonomyces hydnoides, 56, 314
 Poinciana pulcherrima, 18
 Poinsettia dentata, 168
 Polemonium molle, 147; reptans, 137
 Polygonum baxiforme, 147, 176; punctata, 43; ramosissimum, 147
 Polypodium, 44
 Polyporaceae, 250, 296, 315
 Polypores, A new genus of resupinate, 56
 Polyporus, 15; admirabilis, 7-12, 15; amorphus, 52; ampliaporus, 215; arcularius, 173; argentatus, 215; Berkeleyi, 250; cinnabarinus, 251; cinnamomeus, 251; Curtisii, 251; destructor, 185; dichrous, 52; elegans, 296; Ellisianus, 178; fagicola, 296; flaccidus, 215; floccosus, 215; gilvus, 251; hirsutus, 251; hispidus, 113; igniarius var. scaber, 214; lenziteus, 216; meyenii, 215; pargamenus, 251; rimosus, 214; robiniophilus, 251; sanguineus, 215; semipileatus, 251; spumeus malicolum, 14, 15; tenuis, 217; tulipiferus, 251; Underwoodii, 8, 9, 11, 15; varius, 9; versicolor, 5, 251; xanthopus, 216; xanthosporus, 57
 Polystictus, 214; acutus, 215; affinis, 216; bogoriensis, 214; cinnabarinus, 215; crassipes, 216; cupronitens, 216; flabelliformis, 216; floccosus, 215; luteus, 216; meyenii, 215; nephalodes, 216; perula, 216; pterygodes, 216; saccatus, 216; sanguineus, 215; xanthopus, 216
 Polythelis Thalietri, 156
 Polythrincium Trifolii, 177
 Polytrichum commune, 294
 Populus aurea, 153; bolleana, 301; deltoides, 300, 306; nigra, 300, 301, 305; virginiana, 301; Wislizeni, 154
 Poronidulus conchifer, 296
 Porothelium, 56
 Porotheliaceae, 56
 Porothelium, 56
 Porto Rican parasitic fungi—II, Studies in, 42

- Porto Rico based on collections by F. L. Stevens, Uredinales of, 16
- Potentilla monspeliensis, 155; strigosa, 155
- Producing heart-rot of apple trees, Fungi, 5
- Prospodium bahamense, 18; plagio-pus, 18
- Prunulus, 218; Abramsii, 220; adirondackensis, 220; alcaliniformis, 220; argillaceus, 220; atribrunneus, 220; atridiscus, 220; aurantiacus, 220; aurantiidiscus, 220; avellaneigriseus, 220; avellaneus, 220; brevipes, 220; caesiialbus, 220; carbonicola, 220; cervinialbus, 220; cinchonensis, 220; cinereavellaneus, 220; collybiiformis, 220; cyaneobasis, 298; farinaceus, 220; flavicitrinus, 220; fuliginosus, 220; fumosiavellaneus, 220; fusipes, 220; gracillipes, 220; Grantii, 220; latericius, 220; Leaianus, 298; lepiotiformis, 220; leucophaeus, 220; longipes, 220; ludovicianus, 220; magnus, 220; margarita, 220; mel-leidiscus, 221; minutissimus, 221; murinus, 221; myceliosus, 221; niveipes, 221; occidentalis, 221; ochraceicinerus, 221; paludicola, 221; parvulus, 221; pectinatus, 221; plumbeibrunneus, 221; pubescens, 221; roseipallens, 221; roseolus, 221; rutilantiformis, 221; Sabali, 221; scabripes, 221; subfumosus, 221; subpulverulentus, 221; subtenuipes, 221; syringeus, 221; tenuiculus, 221; testaceus, 221; trojanus, 221; viridigriseus, 221
- Psathyrella disseminata, 54, 56, 252; impatiens, 54
- Pseudocymopterus montanus, 161
- Pseudomonas Citri, 112
- Pseudopeziza Medicaginis, 150
- Pseudotsuga taxifolia, 92
- Psilopeziza juruensis, 236, 237; nummularia, 235-238
- Psilopeziza orbicularis, 237
- Psoralea micrantha, 168
- Ptelea, 136; trifoliata, 136, 141
- Pteridium aquilinum, 165
- Puccinia, 137; Absinthii, 156; Agropyri, 128, 129, 132, 133, 138, 139, 141, 157; alternans, 132, 141, 157; amphigena, 126, 127; angustata, 131, 132, 181; anomala, 139; apocrypta, 138; Artemisiae, 156; Aristidae, 156; Asparagi, 156; Asperifolii, 133, 141; atro-fusca, 156; canaliculata, 25, 157; Cannae, 25; Caricis-Asteris, 158; Caricis-Solidaginis, 158; Cenchrus, 25; Cirsii, 157; Cladii, 19; Clematidis, 157; Cordiae, 17; Cressae, 157; Cryptandri, 157; Cynodontis, 20; Delphinii, 157; Distichlidis, 136, 137, 141; Dulichii, 130, 140; emaculata, 127; Eleocharidis, 25; Ellisiana, 158; Epilobii-tetragoni, 158; Eriophori, 131, 132, 141; exitiosa, 18; extensicola, 130, 140, 158; farinacea, 24; Gayophyti, 158; graminis, 161, 181; Grindeliae, 158; Grossulariae, 130, 141, 158; Helianthi, 158; hemispherica, 159; Huberi, 25; intermixta, 159; Jamesiana, 134, 159; Kelseyi, 136; Koeleriae, 159; lateritia, 25; levis, 25; lobata, 159; luxurians, 160; Magnusiana, 128; Menthae, 160; monoica, 160; montanensis, 137, 138, 139, 141, 160; Muhlenbergiae, 160; obliterata, 157; oblecta, 161; opulenta, 19; Oxalidis, 19; Philibertiae, 161; plagiopus, 18; poculiformis, 161; Prunispinosae, 16, 164; Pseudocymopteri, 161; punctata, 161; purpurea, 16; Rhamni, 128; rubigoverae, 129; Scirpi, 16; Seymouriana, 125, 130, 134, 135, 141; Sherardiana, 162; simillima, 127, 128; simplex, 139; Sorghi, 162; Spegazzinii, 19; Sphaeraleaceae, 162; Spilanthi, 19; splendens, 162; Stipae, 162; subnitens, 135, 141, 162; substriata, 25; Syndrellae, 25; Taraxaci, 163; tosta, 160; transformans, 18; tuberculans, 163; tumidipes, 136, 141, 163; uniporula, 130, 141; universalis, 163; Veratri, 163; Violae, 163; Windsoriae, 135, 141; Xanthii, 17, 164
- Pucciniastrum Agrimoniae, 164; Myrtilli, 164; pustulatum, 164
- Pulsatilla hirsutissima, 171
- Pustularia Stevensoniana, 198
- Pycnoporus cinnabarinus, 296; sanguineus, 56, 215
- Pyrenomyces, 98
- Pyrola asarifolia, 154; chlorantha, 154; elliptica, 154; secunda, 154
- Pyropolyporus conchatus, 296; Earlei, 174; ignarius, 174, 296; praerimosus, 174
- Pythium debaryanum, 313
- Quercus, 176, 177, 315; undulata, 174
- Ramularia decipiens, 177; delphinii, 55; Grindeliae, 177; Lapsanae, 107; sambucina, 177

- Ranunculus*, 128; *acris*, 127, 128; *bulbosus*, 128; *sceleratus*, 127, 128
Ratibida columnifera pulcherrima, 176
Ravenelia cassiicola, 20; *Cebil*, 20; *Humphreyana*, 18; *mesilliana*, 164; *papillifera*, 18; *portoricensis*, 16; *versatilis*, 164
Red rot in *Pinus ponderosa*, Note on western, 178
Remarkable fossil fungi, 73
Resupinate polypores, A new genus of, 56
Resupinatus subbarbatus, 56
Reticularia Lycoperdon, 40
Review of Kniep's Beiträge zur Kenntnis der Hymenomyceten, III, 184
Rhamnus cathartica, 128; *Purshiana*, 128
Rhizoctonia, 314; *Crocorum*, 314; *Solani*, 314
Rhizopus nigricans, 313
Rhus diversiloba, 106; *Toxicodendron*, 106
Ribes, 311, 314; *Cynosbati*, 130, 141; *floridum*, 130; *grossularia*, 311; *inebrians*, 176, 311; *leptanthum*, 309, 311; *longiflorum*, 130; *longifolium*, 309, 311; *mescalerium*, 311; *pumilum*, 311; *purpusii*, 311; *sanguineum*, 104; *valicola*, 311; *Wolfii*, 151
Rigidoporus surinamensis, 56, 314
Rinodina angelica, 245
Rosa, 43, 100, 155; *Fendleri*, 152, 155; *Maximiliani*, 155; *pecosensis*, 152
Rosen, H. R., A known species of smut on a new host, 225
Rostkovites granulatus, 53
Rot in *Pinus ponderosa*, Note on western red, 178
Rubacer parviflorum, 155
Rudbeckia laciniata, 168
Rubiaceae, 16
Rubus arizonicus, 155
Rumex crispus, 177
Russula, 121, 122, 183, 299, 312; *bifida*, 298; *brunneola*, 298; *chamaeleontina*, 298; *compacta*, 123; *crustosa*, 252; *delica*, 121, 124; *emetica*, 298, 299; *flava*, 122, 183, 298; *flavida*, 122; *foetens*, 252, 299; *foetentula*, 315; ***fragiliformis***, 312; *furcata*, 123; *granulata*, 299; *lactea*, 252; *lutea*, 122; *Mariae*, 299; *nigricans*, 124; *obscura*, 123; *ochroleuca*, 299; *pectinata*, 299; *stricta*, 299; *subfragilis*, 312; *sue-*
busta, 299; *uncialis*, 299; *virescens*, 122, 192
Rynchospora, 225
Saccharum officinalis, 42
Salix, 153; *amygdaloides*, 153; *Bebbiana*, 153; *exigua*, 154; *Fendleriana*, 154; *irrorata*, 154; *lasiandra*, 154; *nigra*, 154; *petrophila*, 154; *Watsoni*, 154; *Wrightii*, 153
Salsola pestifer, 162
Salvia coccinea, 24
Sambucus mexicana, 177; *microbotrys*, 177
Saprolegnia Kauffmaniana, 108
Sauvagesia erecta, 23
Schizophyllum commune, 5
Schizophyllum alneus, 56, 299
Schmaltzia Emoryi, 156; *schmidelioides*, 156
Schroeteriaster fenestralis, 24
Scirpus, 131; *americanus*, 161; *fluviatilis*, 129; *lacustris*, 16
Scitamineae, 19
Scleria canescens, 24
Scleroderma aurantium, 299; *vulgare*, 315
Sclerotites brandonianus, 75
Sclerotium Opuntiarum, 224
Scolochloa festucae, 128
Scutiger Whiteae, 53
Seaver, Fred J., Fink's Ascomycetes of Ohio, 57; North American species of *Ascodesmis*, 1; Photographs and descriptions of cup-fungi—III. *Peziza domiciliana* and *Peziza repanda*, 195, IV. *Peziza clypeata*, 235; The earth-inhabiting species of *Ascobolus*, 93
Sebacina, 316; *atrata*, 316; *chlorascens*, 316; *cinnamomea*, 316; *monticola*, 316; *plumbea*, 316; *Shearii*, 316
Secale cereale, 141
Senecio, 131; *aureus*, 132, 141; *cacaliaefolius*, 131; *ductoris*, 132; *paluster*, 131
Septobasidium laxum, 110
Septogloeum, 106
Septoria, 106; ***adenocaulonis***, 103; ***angularis***, 103; *Chrysanthemi*, 104; *darlingtoniae*, 55; *emaculata*, 176; *erythraeae*, 55; *Lapparum*, 103; ***lupincola***, 103; *Lupini*, 104; ***Macrosporia***, 104; *Pisi*, 176; *Polygonorum*, 176; *Ribis*, 176; *Rudbeckiae*, 176; ***sanguineus***, 104; *tinctoria*, 55; *Toxicodendri*, 105
Sequoia washingtoniana, 91
Sida, 44; *hederacea*, 161, 162
Simblum sphaerocephalum, 56

- Sitanion, 138; elymoides, 138
 Sium cicutae-folium, 129
 Smilax, 127; hispida, 127
 Smut on a new host, A known species of, 225
 Solanaceae, 150
 Solanum tuberosum, 145
 Solidago, 130; canadensis, 103, 130, 140; fumosa, 103; juncea, 99; latifolia, 103; Pitcheri, 158, 162
 Some Kentucky fungi, 249
 Sophora incisa, 144, 145, 160, 162; ochroleuca, 145
 Sophora sericea, 166
 Sorghum halapense, 16; officinarum, 16; vulgare, 16
 Sorosporium contortum, 170
 South America, Myxomycetes from, 34
 Spartina, 125, 128, 134, 137; cynosuroides, 134, 141; gracilis, 136; Michauxiana, 134, 141
 Species of Ascobolus, The earth-inhabiting, 93
 Species of Ascodesmis, North American, 1
 Species of fungi, New or noteworthy, 98
 Species of smut on a new host, A known, 225
 Spermaceae riparia, 25
 Sphaeralea angustifolia, 161; arenaria, 162; Fendleri, 162; incana, 162; lobata, 161, 162; marginata, 162
 Sphaeriales, 145
 Sphaeropsidales, 175
 Sphaeropsis lineata, 101
 Spilanthes oleracea, 19
 Spiraea Menziesii, 98, 100, 102-104
 Spondias mombin, 239, 242
 Spongipellis fissilis, 14, 15; galactinus, 14, 15
 Sporobolus airoides, 160; asperifolius, 160, 170; cryptandrus, 157, 172; utilis, 160; virginicus, 24
 Spumaria licheniformis, 204
 Stachys scopulorum, 147
 Stagonospora Physocarpis, 103; **Spiraeae**, 103
 Standley, Paul C., Fungi of New Mexico, 142
 Steironema, 136, 137; ciliatum, 137, 141; Michauxiana, 137
 Stemonitis dictyospora, 38, 39, 210, 213; digitata, 208; ferruginea, 39; fusca, 38, 208, 210; fusca var. dictyospora, 38; fusca var. rufescens, 38; fusca var. trechispora, 213; herbatica, 39; maxima, 208; porphyra, 208, 209, 213; splendens, 39; splendens var. Webberi, 39; tenerima, 209; trechispora, 38, 39, 209, 213
 Stemphylium nemopanthes, 107
 Stenobolium Stans, 18
 Stenorrhynchus lanceolatus, 21
 Stereum bicolor, 56; elegans, 314; fasciatum, 250; lobatum, 56, 295; rugosum, 295; sericeum, 295
 Stevens, Uredinales of Porto Rico based on collections by F. L., 16
 Stipa Vaseyi, 172
 Strobilomyces strobilaceus, 251, 296
 Stropharia, 69; coprinophila, 69; semiglobata, 299; stercoraria, 174
 Strophostyles, 165
 Studies in Porto Rican parasitic fungi—II, 42
 Sturgis, William C., Notes on the Myxomycetes of the Curtis Herbarium, 199; Myxomycetes from South America, 34
 Sugar cane, Marasmius on, 115
 Suillellus luridus, 297, 299
 Sumstine, David R., A new species of Colus from Pennsylvania, 183
 Symphoricarpos oreophilus, 176; rotundifolius, 148
 Synchytrium fulgens, 144
 Tapesia fusca, 295
 Taraxacum Taraxacum, 163
 Tecoma lepidota, 18; Leucoxydon, 18; Stans, 18
 Teramnus uncinatus, 16, 45
 Tests on the durability of American woods—I. Flask tests on conifers, Laboratory, 80
 Tetranychus telarius, 107
 Thalictrum, 133; dioicum, 132, 141; Fendleri, 132, 133, 156, 157
 Thecaphora deformans, 170
 Thelephora anthocephala, 250; magnispora, 53; palmata, 250; Schweinitzii, 250; vialis, 313
 Thelephoraceae, 52, 250
 Thuja occidentalis, 91; plicata, 91
 Thyridium ceanothi, 55
 Tidendromia lanuginosa, 144
 Tilia, 315
 Tilletia asperifolia, 170
 Tilmadoche columbina, 200, 213
 Tithymalus, 168; chamaesula, 151; luridus, 151
 Tolyporella Nolinae, 170
 Trametes acutus, 215; carnea, 251; cubensis, 314; limitata, 173; Pini, 178, 222
 Tranzschelia punctata, 16, 164
 Tremella albida, 250; lutescens, 295
 Tremellaceae, 250

- Tremellales, 295
 Tremellodendron, 316; pallidum, 250; simplex, 316; tenue, 316
 Tremellodon gelatinosum, 295
 Trianthema Portulacastrum, 145
 Trichamphora oblonga, 207
 Trichia, 211; affinis, 41; Botrytis, 41, 211; Botrytis var. lateritia, 213; Botrytis var. munda, 41; decipiens, 41; favoginea, 41; persimilis, 41; serpula, 207; verrucosa, 41
 Tricholoma imbricatum, 186
 Trichosphaeria breviseta, 99
 Trichothecium roseum, 177
 Tricuspis seslerioides, 141
 Tridens flavus, 135, 141
 Trifolium Fendleri, 148; repens, 18, 148, 177; Rydbergii, 149
 Triticum vulgare, 161
 Tsuga canadensis, 91; heterophylla, 91; mertensiana, 91
 Tubercularia vulgaris, 177
 Tubifera ferruginosa, 40, 212; stipitata, 212, 213
 Two parasitic mushrooms, 65
 Tylopilus felleus, 297, 299; gracilis, 297
 Tylostoma, 56; fimbriatum, 175; gracile, 175; pedunculatum, 175
 Tyromyces chioneus, 296; Ellisianus, 178; guttulatus, 296; semipileatus, 296
 Ulmus americana, 102
 Uncinula necator, 149; polychaeta, 149
 Uredinales, 150
 Uredinales of Porto Rico based on collections by F. L. Stevens, 16
 Uredineae in 1915, Cultures of, 125
 Uredinopsis Pteridis, 165
 Uredo Anthephorae, 19; Anthurii, 22; Artocarpi, 17, 26; Cordiae, 17; fenestrala, 24; globulosa, 22; Guacae, 21; Gymnogrammes, 25; gynandearum, 18; Hameliae, 23; Heliconiae, 19; Kaernbachii, 21; Olyrae, 21; Peperomiae, 23; Piperis, 23; pustulata, 21; Sauvagesiae, 23; superior, 17; venustula, 21; Wilsoni, 19
 Urocystis Agropyri, 170; Anemones, 171
 Uromyces, 136, 137, 139; albus, 165; appendiculatus, 165; Archerianus, 129, 165; Astragali, 165; Bidentis, 25; caryophyllinus, 181; Cologaniae, 16; compactus, 165; Eriogoni, 166; Fabae, 166; Gentianae, 166; Glycyrrhizae, 166; Hordei, 139-141; Howeii, 16; hyalinus, 166; ignobilis, 24; Limonii, 167; Medicaginis, 18, 167; mysticus, 167; occidentalis, 167; Pavoniae, 16; Peckianus, 129; plumbarius, 167; proeminens, 25, 167; Psoraleae, 168; Rudbeckiae, 168; Scirpi, 129; Scleriae, 241; Silphii, 168; Spartinae, 136; speciosus, 168; Trifolii, 18; Tranzschelii, 168
 Uropyxis Amorphae, 168; Petalostemonis, 169; sanguinea, 169; Woottoniana, 169
 Ustilaginales, 169
 Ustilago Avenae, 171; bromivora, 171; Buchloes, 171; calcara, 171; Hieronymi, 171; Hilariae, 172; Hordei, 172; hypodytes, 172; levis, 172; Muhlenbergiae, 172; Zeae, 172
 Vaccinium oreophilum, 164
 Vaginata, 234; albocreata, 232; plumbea, 299; plumbea strangulata, 299
 Vagnera amplexicaulis, 176
 Venenarius, 231, 234; Frostianus, 299; glabriceps, 232, 233; muscarius, 299; pantherinus, 233; phalloides, 123, 232, 233, 299; rubens, 299; solitarius, 231, 299
 Venturia Dichiei, 149
 Veratrum speciosum, 163
 Verbena Macdougallii, 147, 148
 Vernonia albicaulis, 24
 Verrucaria plumbaria, 245
 Vicia americana, 165, 166
 Viola canadensis, 163; nephrophylla, 163; pedatifida, 158
 Volvaria bombycina, 65; hypopitys, 66; Loweiana, 65-68, 71; media, 67; parvula, 67; parvula var. major, 66; plumulosa, 66, 67, 71; pusilla, 67; umbonata, 67; villosa-volva, 67
 Western red rot in Pinus ponderosa, Note on, 178
 Woods—I. Flask tests on conifers, Laboratory tests on the durability of American, 80
 Xanthium commune, 164; longirostere, 17
 Xanthoporia, 56; Andersoni, 57
 Ximenesia exauriculata, 145, 148
 Xylaria Hypoxylon, 295; polymorpha, 295
 Xylometron sanguineum, 215
 Young, Esther, Studies in Porto Rican parasitic fungi—II, 42
 Yucca macrocarpa, 146
 Zygophyllum bilobatum, 168